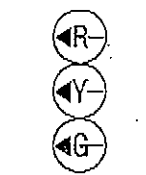


CONSTRUCTION NOTES

- (A) REMOVE EXISTING PEDESTAL SIGNAL  
(B) REALIGN EXISTING SIGNAL HEADS  
(C) INSTALL NEW LED SIGNALS  
(D) INSTALL NEW SIGNS  
(E) EXISTING HANDHOLE TO BE REMOVED  
(F) INSTALL 3 INCH SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED  
(G) INSTALL HANDHOLE  
(H) EXISTING HANDHOLE TO REMAIN  
(I) INSTALL 6' X 6' LOOP DETECTORS (4 TURNS)  
(J) EXISTING CONTROL CABINET TO REMAIN  
(K) EXISTING CONDUIT TO REMAIN  
(L) INSTALL 1" CONDUIT RIGID STEEL- OPEN TRENCH  
(M) INSTALL 4" CONDUIT - OPEN TRENCH  
(N) INSTALL 4" CONDUIT - DIRECTIONAL BORE  
(O) EXISTING SERVICE PEDESTAL TO REMAIN

PROPOSED SIGNALS

12, 13



12"

PROPOSED VIDEO  
DETECTION ZONE

PROPOSED SIGNS

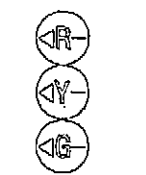
17



R3-5  
(30" X 36")

EXISTING SIGNALS  
TO REMAIN

3, 8



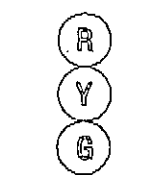
12"

a, b, c, d

EXISTING VIDEO  
DETECTION

EXISTING SIGNALS  
TO RELOCATE

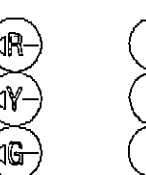
14, 15



12"

EXISTING SIGNALS  
TO REMOVE

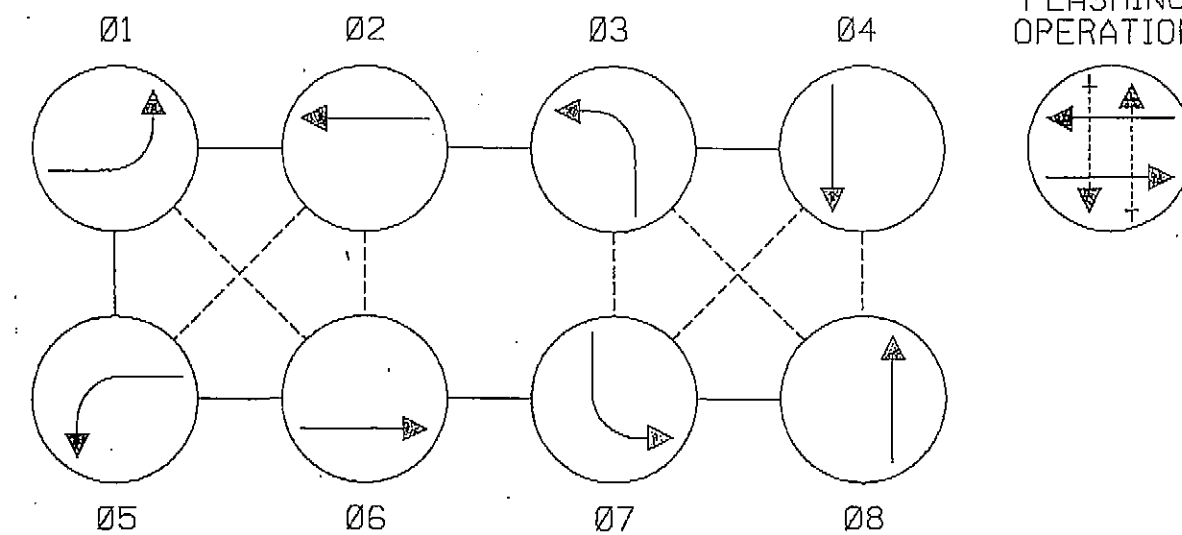
4 16



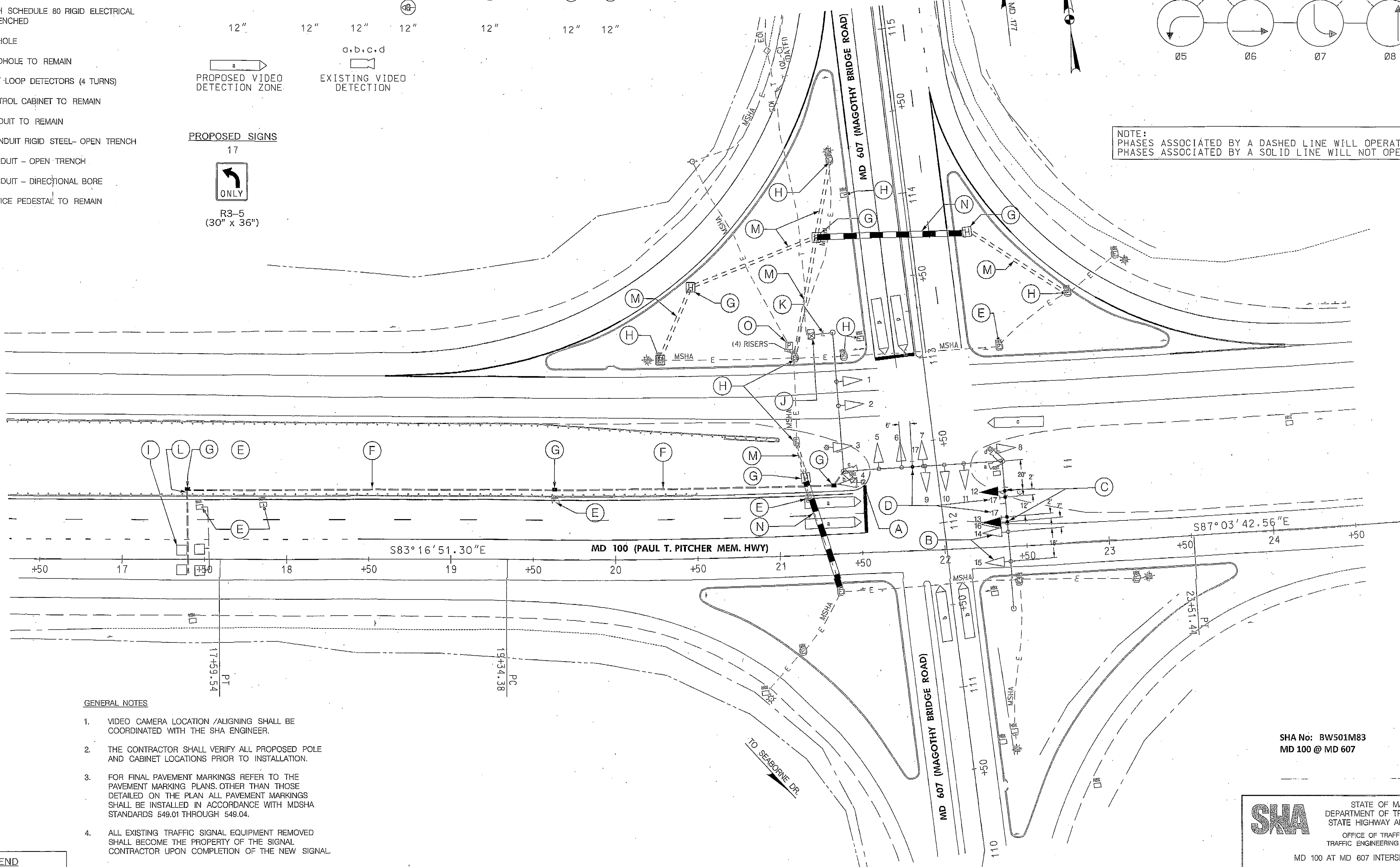
12"

12"

PROPOSED NEMA PHASING



NOTE:  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



GENERAL NOTES

- VIDEO CAMERA LOCATION /ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS 549.01 THROUGH 549.04.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- THE TWO LEFT TURN SIGNALS (12 & 13) SHALL BE BLACK FACED LED SIGNALS.

GEOMETRIC LEGEND

--- EXISTING  
--- PROPOSED

UTILITY LEGEND

SD --- STORM DRAIN  
G --- GAS MAIN  
W --- WATER MAIN  
S --- SEWER MAIN  
E --- ELECTRIC CABLES  
A --- AERIAL CABLES  
T --- TELEPHONE CABLES  
F --- FIBER-OPTIC

SHA No: BW501M83  
MD 100 @ MD 607

SHA

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

MD 100 AT MD 607 INTERSECTION IMPROVEMENTS  
SIGNAL, SIGNING AND PAVEMENT MARKINGS

| APPROVALS        | REVISIONS   |
|------------------|---|
| TEAM LEADER      | C. TMS: KYS 02/21/10<br>INSTALL ADDITIONAL SIGNAL HEAD                      |
| ASST. DIV. CHIEF | B. TMS: H444 05/24/06<br>INSTALL INTERSECTION LIGHTING<br>SHA No. AT0505106 |
| DIVISION CHIEF   | A. AS BUILT 03/17/77  |
| OFFICE DIRECTOR  |   |

AECOM  
7 St. Paul Street, 17th Floor  
Baltimore, Maryland 21202  
410-697-1700

| DESIGNED BY     | COUNTY       |
|-----------------|--------------|
| LES TOWNSEND    | ANNE ARUNDEL |
| DRAWN BY        | LOGMILE      |
| LES TOWNSEND    | 02010000.08  |
| CHECKED BY      | TMS NO.      |
| JOHN SPENCE     | K195         |
| F.A.P. NO.      | TOD NO.      |
| SEE TITLE SHEET |              |
| DRAWING NO.     | SHEET NO.    |
| TS 128C         | 26 OF 45     |

PLOTTER: Tuesday, March 30, 2010 AT 06:20 PM  
FILE: J:\BRIDGE\_Highways\7637\_MD100-MD607\_AACount\Draw\Draw\_Sheets\11\_Signaling\553-P001-MD100.dgn